USER'S MANUAL(HS-9033)

HWA SUNG WASHING MACHINE CO.

27년 장인들의 혼이 숨 쉬고 있습니다.

대한민국 표준세탁기!
화성이 만들면 표준이 됩니다.

- Due to min. size plan and sensuous design, Self starts its perfect transformation.
- Due Originative structure and strong durability guarantee noiseless washing and high speed spin-drying which are the best in its class.
- Due Due to design of human body engineering, input and discharge of laundry are very convenient.
- Due Due to JOG System(Rotary system for laundry discharge), it is much easier when discharging laundry.
- Due Due to built-in input device of fabric softening agent, it supports convenience.
- Due Due to built-in noiseless steam spraying system developed by us protects you from environment pollution(noise).
- Due Due to Double System which was developed for the first in our country, water can be saved over 40%, minimizing its waste, and so realized the environment suitable to Green washing machine. (patent application/option)
- Due Due to built-in 5-step water-adjusting function and 6-step free rotary speed, it can be used suitably to features of fabrics.
- Low-vibration type structure, durability, and precision of up-to-date balancing machine guarantees silence.
- Hydraulic Shock Absorber only for washing machine developed by us guarantees noiselessness and softness in spite of its large size.
- Specially designed Hub structure and Bearing System cut off occurrence of upkeep cost for defect by maximizing durability.
- Noiseless motor and powerful inverter system are proud of its strong washing and excellent durability.

사 양 (Specificatoins)

형 식 (MODEL)		단위(UNIT)	HS-9033	HS-9033	HS-9033	HS-9033	HS-9033
1회 세탁 처리량	Capacity	kg / lbs	30 / 66	50 / 110	70 / 154	100 / 220	120 / 265
바스켓 규격 Basket	직경 Diameter	mm / inch	870 / 34.3	960 / 37.8	1,115 / 43.9	1,300 / 51.2	1,300 / 51.2
	깊이 Depth	mm / inch	500 / 19.7	650 / 25.6	650 / 25.6	700 / 27.6	800 / 31.5
회전수 R.P.M	세탁 Wash	R.P.M	20~58	20~50	20~48	20~45	20~42
	탈수 Extract	R.P.M	400~800	400~780	400~750	400~700	400~680
용적량	Capacity	ℓ / gallon	290 / 76.6	480 / 126.8	635 / 167.6	928 / 245.1	1,061 / 280.3
완충장치	Shock-absorbing device		Spring	Spring	Spring	Air Spring	Air Spring
모터/극수	Motor/Pole	HP/ kw/ Pole	7.5 / 5.5 / 4	10 / 7.5 / 4	15 / 11 / 4	25 / 18.5/4	30 / 22 / 4
인버터	Inverter	HP / kw	10 / 7.5	15 / 11	20 / 18.5	30 / 22	40 / 30
급수/배수/스팀	Water, Drain, Steam	mm	25, 65, 20	25, 75, 20	32, 100, 25	40, 100, 32	40, 100, 32
에어 압력	Air Pressure/ Ømm	kg/㎠, psi				4~6, 57~87	4~6, 57~87
외형 치수(장.폭.고)	Exterior	L.W.H(mm)	1,400×1,430×1,650	1,450×1,560×1,770	1,700×1,740×1,810	2,135×1,850×2,205	2,135×1,920×2,205
전압/소비전력 Voltage/ Power		volt / Hz, kw	3Ø220v or 380v/60Hz, 5.5	3Ø220v or 380v/60Hz, 7.5	3Ø220v or 380v/60Hz, 15	3Ø220v or 380v/60Hz, 18.5	3Ø220v or 380v/60Hz, 22
제품 중량	Weight	kg / lbs	1,100 / 2,425	1,550 / 3,417	2,300 / 5,071	3,000 / 6,614	3,200 / 7,054

INSTALLATION

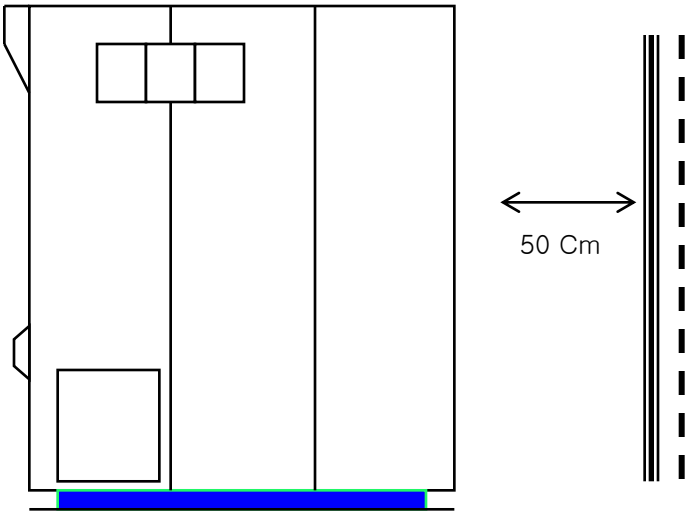
- It is important to follow these instructions on electricity and the piping works to operate the Fresh safely and properly.

Please contact your local dealer or professionals for installation.

Engineer have to return this Manual to the customer after reading and studying this manual..

INSTALLATION

1. Unload the Pants Press out of the box.
2. Remove plastic wrappings on the equipment
3. Plumbing and electricity work should be done efficiently and safely.
   The diagram below shows how the the Fresh can be set up.
4. When locating the La fresh, find an area where the ground is leveled and firmly built.
5. Set the Anchor bolts on the floor to make secure



WARNING

<Place Avoided>

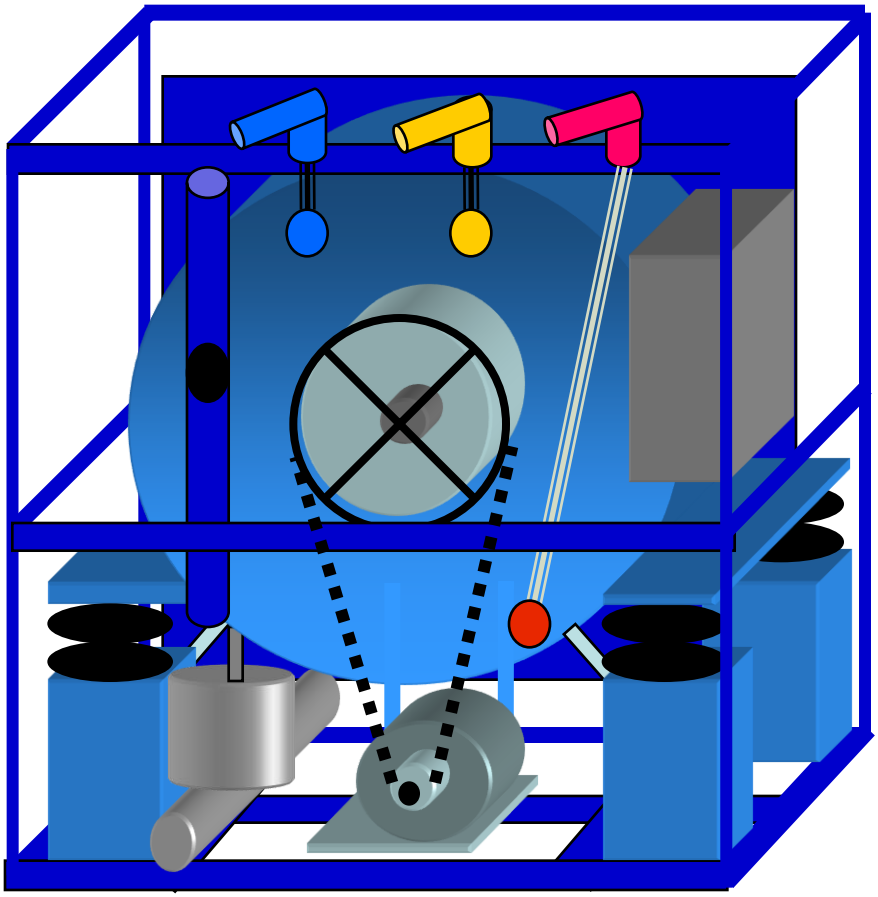
Do not install the place near the flammable subjects or explosive substances.

<Do not install outdoor>

Do not install or store this washer on outdoor where it will be exposed to the weather. It can cause electric shock or property damage.

Installation

1. Pipe Size– The pipes for the water supply manifold must be 15A (1/2B) or larger. Use either the copper pipe or PVC pipe.
2. Steam Supply– Use 15A (1/2B) the copper pipe and stopping valve.
3. The suitable pressure of steam is 57~95 psi. Adjust the pressure with reducing valve when high pressure. (If it is high pressure, it can occur noise when steam)
4. Install the pipe over 2 inches for drain. To reduce the water resistance, Install a pipe as short as possible. Be placed the drain pipe lower than machine's drain.



WARNING

Leakage Check

•Tighten the any loose pipes to stop water leakage.

•Operate the machine after checking the leakage from pipes. Because the machine has a high pressure and high voltage, Leakage could be occur electric shock.

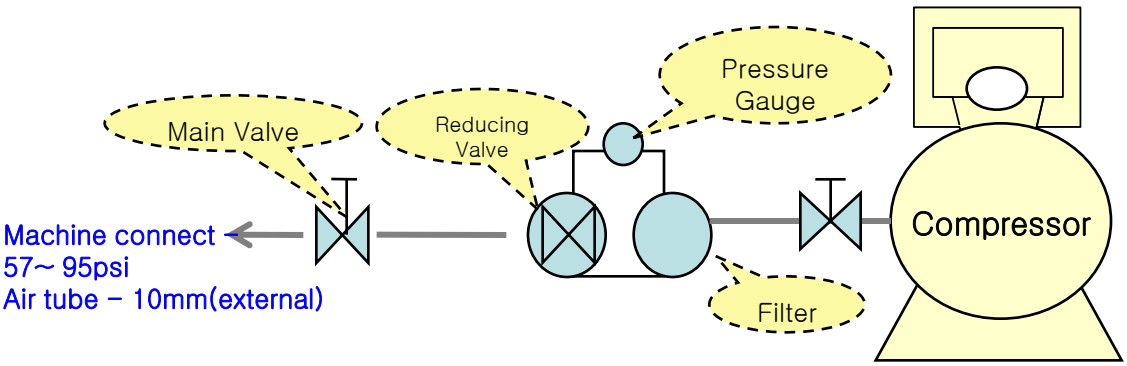
• Keep the pipes warm with insulating material while winter season.

• After installing the air pipes, detach the pipes from the machine, let air blow run through. This will get rid of dusts and lint within the pipes

•Dusts and dregs within the pipes can cause the stream trap work inappropriately

Installation (Piping Works)

1. Air supply pipes must be 10A 3/8B or larger, either gas pipes or iron pipes.
   Use 10 mm air tubes to connect the air supply pipes and the machine
2. Use 10A 3/8B STOP V/V and pressure gauge for the air supply.
3. Standardized air pressure is57 ~ 95psi.
   - This machine works under air pressure of 85psi
     If the air pressure is too high, reduce it by small amount with air regulator
   - After all air pipes are set up, detach the air tubes from the machine.
     Let air blow run though. This will remove dusts and lint within the pipes.



[Test Working Guide]

1. Make sure electricity, steam supply, air supply are properly installed.
2. Make sure that steam pipes and air pipes are free of dust and lint.
3. Set the steam pressure to 57~ 95psi.
4. Set the air pressure to57~ 95psi.
   This machine works under air pressure of 0.5MPa (5kg/㎠)
5. Follow the instruction on operation.

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   Use 10 mm air tubes to connect the air supply pipes and the machine
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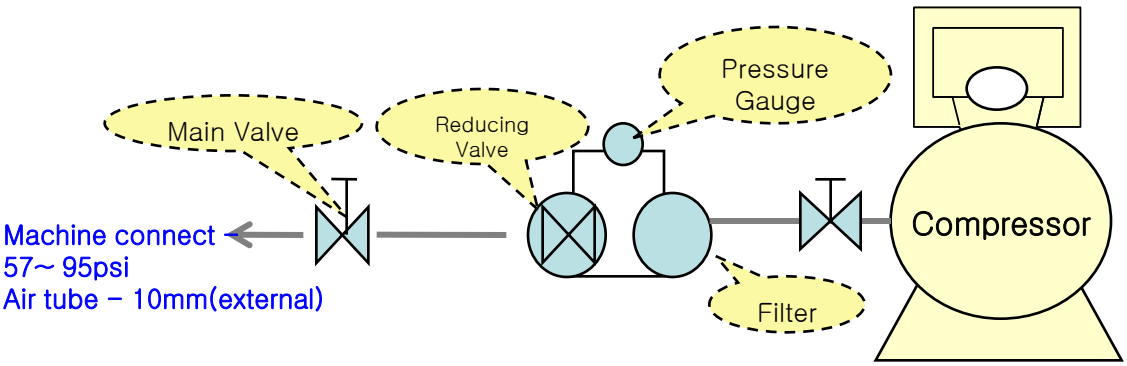

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ELECTRICAL CONNECTION

Read the following for efficient and safe electrical connection
Only qualified personnel with valid electrical license should perform the electrical
connection.

❶ POWER

Install a disconnect switch or circuit breaker for this machine; electrical current 30mA, current time less than 0.1. Electricity

3pi 380V/50Hz, Sensibility electric current – 11.0A.

Rated Current – 12.0A

Use the electric wire enough to stand as electric load For the main Power as above.

❷ The Earth (Grounding)

To prevent the electrical shock and thunder,
the grounding is required in installing this machine

Do Not Grounding as following place.

① Water pipe... If there are the pipe made from P.V.C, the effects of grounding is not expected.
② Gas pipe ... It may occur explosion or fire.
③ Telephone line or lightning rod.

<Warning> The Grounding is the duty on the Law. Must be grounded.

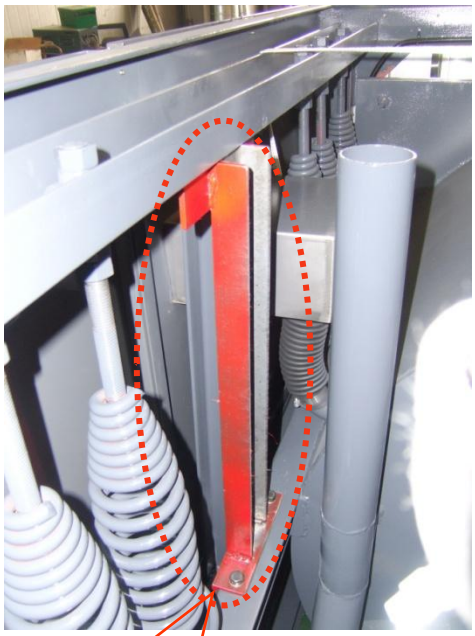
Power cord for the machine is composed of 4 wires. To minimize possible shock hazard ,do grounding after connect with circuit breaker (MMCB) and the cord must be plugged into a mating grounding (earth)-type wall receptacle.

Do not install or connect where it be exposed heat, It may occur fire or machine damaged

Stopper Position

※ Please Take out The Stopper Marked In The Picture Before Use.

70kg (Washer)



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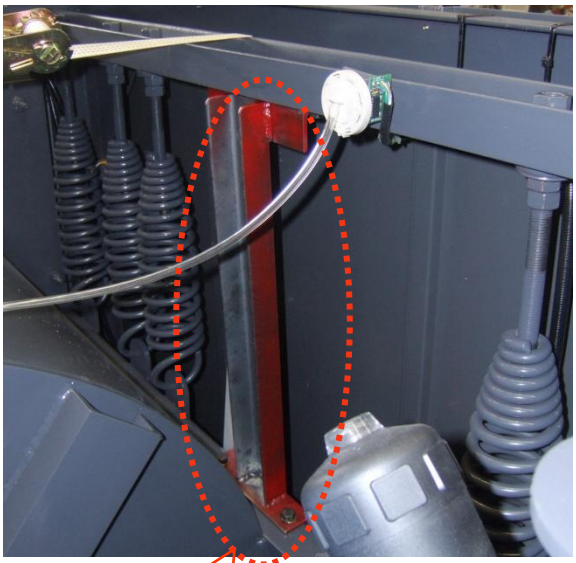

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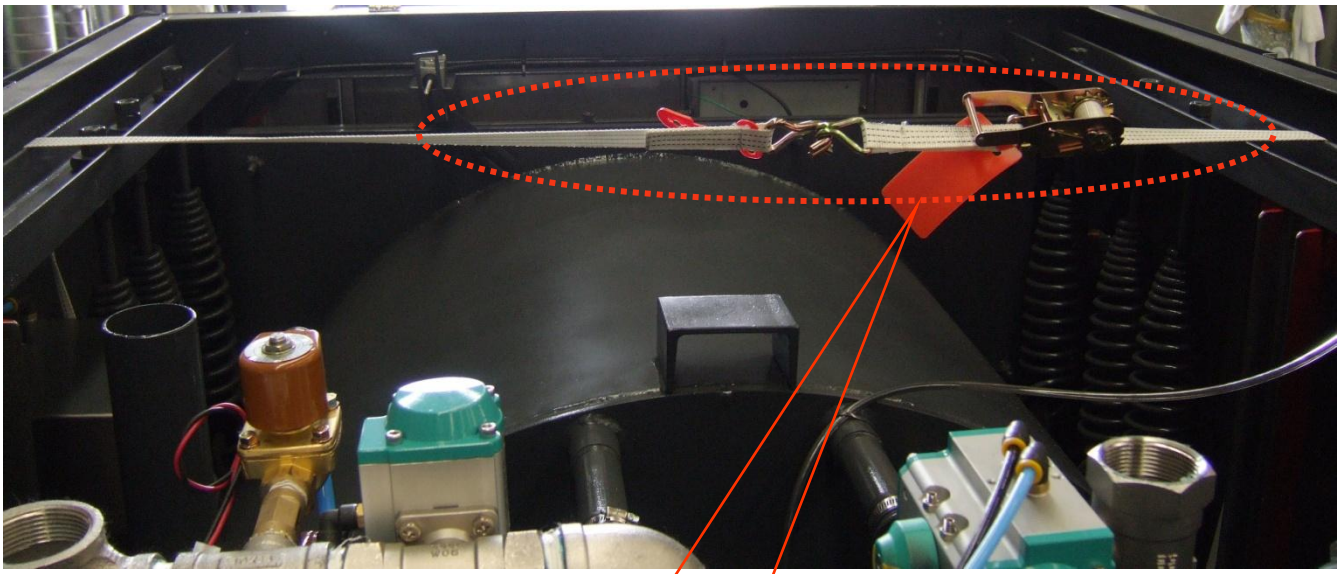


CLEAR

How to use the Washing M/C

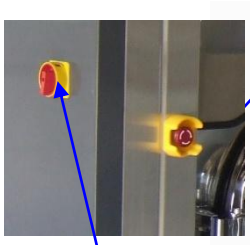
1 Prologue

This manual refers to how to operate the machine, program guide, part list and troubleshooting guide for beginners . It also has Installation instructions, basic program guide for sales agents.
Using following instructions can keep best condition of machine and get best functions.
Read all instructions before using the Washer.
To minimize the risk of fire, explosion or electric shock and to prevent the personal injury or the loss of life, we recommend to follow this manual.
There are some different point according to Model, Design, Option.
If you have some problems, contact and consult your local agency.

2 Safety Instructions

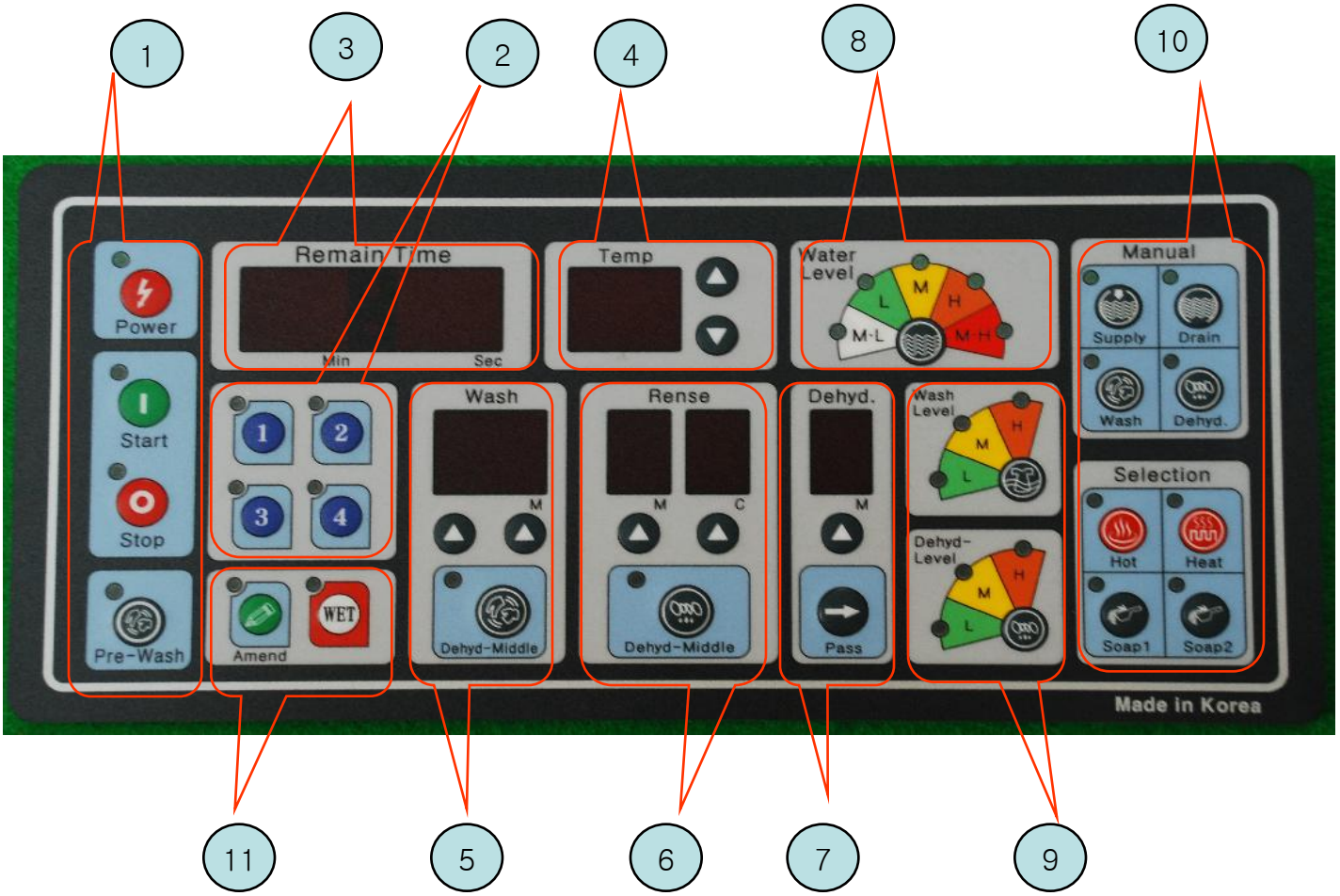
1) Repairing the washing machine must be carried out by qualified person only.
2) Check the function of cover, safety S/W .
3) Do not put something on top of the machine.
4) Repair or Move the machine after turning off the power
5) Keep the best conditions around the machine.
   (The best conditions is Temp.20~30C(68F.~86F). and Humidity 60~80%.)
6) Take simple wear and take a hat (cap) – It prevents from being dragged into the machine during the operation .
7) Check around machine if there is obstacles or not.
   (It can prevent safety accidents)

Name of Operation



NO.	Description
1	Operation Program
2	Power S/W
3	Emergency S/W
4	Jog S/W(Fwd)
5	Door Lock System
6	LED Light
7	Soap Inlet

프로그램 설명



1	Power/Operation/Pre wash	7	Set up/Display Dry time & Process next step
2	Choose Program	8	Set up/Display Water level
3	Display whole Washing Process	9	Set up/Display Spin speed
4	Display & Input Temperature	10	Hand operation & Automatic Set up
5	Set up/Display Wash time & Choose Mid Dry	11	Modify Program & Choose Wet cleaning
6	Set up/Display Rinse time & Choose Mid Dry		

1. Instructions for Operation Panel

1) Power S/W : Power on of panel and supply power to inverter
2)Operation S/W : Start automatic process
3)Stop S/W: Press once during operation ⇨ Pause / Press twice ⇨ Stop
4)① ~ ④ S/W: Operate automatically according to the program
5) WET S/W : Wash as WET Cleaning
6) Pre wash S/W : Used for only textile needed pre wash not for the general wash
7) Remain time : Display the whole process time
8) Mid dry : Used it if Mid dry is needed. (Dry for one minute)
9) Next step S/W: If Next step S/W is used during the operation, the speed will be faster as twice as normal. During automatic operation, press Stop S/W once and then move to next process.
10) Regulate water level: Classified 5 steps
11) Speed of wash: Regulated the spin speed as 3 steps while Wash/Rinse processes.
12) Speed of dry: Regulated the speed as 3 step while Dry process.
13) Hand operation key: Used to be hand operated for the processes of Water supply, Drain, Wash and Dry.
14) Hot water and steam key: Used when it is equipped as option and can be hand operated.
15) Modification: Used to change the set time and memories.
16) Detergent 1, Detergent 2: Put detergent manually or automatically during the washing.

2. Automatic Operation

1) Power ON.
2) Choose Program (Automatic no.) and operate.

3. Instructions to input automatic program

1) Choose Program no.
2) Press Modification key.
3) When F1 is flickered on the screen of remain time set up water level, speed, time for wash, rinse and dry and the frequency of them. Then set up functions of cold/hot water, steam, detergent, temperature.
As pressing Next stem S/W, F2 is flickered on the screen of remain time and set up water level for rinse, spin speed, cold/hot water, detergent then press Modification S/W.
(For Pre wash, press pre wash key and F0 is flickered on the screen of remain time set up the program as the above.)

4. Choose Mid dry

(1) Do not choose Mid dry
After wash or rinse process is finished, drain process is started.
After the drain process is finished and sensed the installation after this, drained 40 sec. longer then process next step.
(2) Choose Mid dry after wash
1) After finished wash time, drain and balance process are started at the same time.
2) After sensed the lowest water level, speeded up of dry for 40 sec. and progress Mid dry for 1 min.
3) Speeded down for 1 min and move to next step.
After 40 sec. sensed the lowest water level, speeded up of dry for 1 min. and then speed down to stop.(3) Choose Rinse Mid dry
After wash, progressed as the same as Mid dry. When rinse frequency become once, it move to the final dry process.

5. Set up Steam function

1) Steam function is option and controls the output according to the set temperature.
2) Display the temperature when the sensor temperature is adhered only.
When the sensor temperature is not adhered, displays the set temperature for Stop or Pause and display F- or f- for Spin.
3) The standard temperature is 40℃. Outputted under the set temperature and stopped At the set temperature. Steamed output at the temperature 4℃ lower then it. Also, the screen of temperature is off with warning sound if the temperature goes up more than 15℃ of the set temperature.
4) Steam outputs till the end of wash spin and can be hand operated during the wash.
5) Steam do not hand operate during the drain and the dry.
6) The lowest set temperature is 20℃ and the highest temperature is 99℃.

6. WET function

1) AIR spray wash is option. Press WET key for AIR spray wash.
2) Press WET key for 2 sec. the light on the wash LED is turned on and diverted WET wash channel.
3) WET wash is made up 10 min. for wash, twice of 3 min for rinse and 5 min. for dry. The speed is high, water level is low and dry is fast.
The AIR is sprayed after spin.

7. Warning for Disorder of Sensor and Invert to the Time Process

This washer operates as the process of Water level sensor but can be operated as the Time process in case.

(1) The number of water level do not input as disorder of water level sensor. The screen is displayed “SE(Sensor Error)” with warning sound.

(2) Invert the channel to the Time process.

① Press Operation + Modification of Water level when the operation board is off.

② The Remain time displays S-LE (Sensor process)

③ Press Next Step S/W once and the Remain time displays t-LE(Time process)

④ Whenever press The Next Step S/W, it changed.

⑤ After choose t-LE, press Modification S/W to invert the Time process.

(3) After A/S for Water Level sensor or replace it, use as the Sensor process.

8. Time Input at the Time process

The time for each water level is inputted in advance. Refer to the following to invert the value.

< The standard value - Water 15KG >

Water Level	Lowest	Low	Mid	High	Highest
Time(Sec)	06	08	12	15	17

(1) Press Water Supply + Modification at a condition of Panel Off.

(2) Display the time of water supply to the wash time as the lowest.

(3) After modified the value press the modification key of water level in order to move low water level.

(4) Display the time of water supply to wash 2.

(5) Set up the time as the same as the above then press Memory.

(6) The time of Water supply is 10 times of the set time.

9. Hand Operation

(1) Water Supply ⇨ Supplied to the set water level.

(2) Wash ⇨ The time is 60 min basically and can be input to 99 min.

(3) Dry ⇨ The time is 9 min and the time can be modified.

10. Input of Detergent

Detergent 1,2 ⇨ Detergent 1,2 is input as the set time after the water supply of wash process.
Modification of the input time ⇨ When the Panel is off, press Detergent 1 or 2 + Modification and modify the wash time and press the Modification S/W.

11. Main Function keys and the warning message

1) Water Level ⇨ Press Water Level key for 3 sec.
2) Memory of the water level ⇨ (Panel OFF) Water Level + Modification ⇨ Modification
3) Invert the time at the Time Process ⇨ (Panel OFF)
   Water Supply + Modification ⇨ Modification
4) Modification of Detergent time ⇨ (Panel OFF) Detergent 1 or2
   Modification ⇨ Modification 2
5) Initialization ⇨ Operation + Stop
6) SE (Sensor Error) ⇨ Disorder or Water Level Sensor or
   Warning of Contact badness
7) LE (Limit Error) ⇨ Warning of over vibration

12. Directions

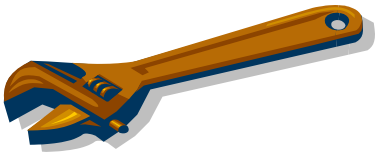
1) Use Main power as AC220V or 380V circuit breaker (Circuit breaker is mandatory)
2) Must be grounded.
3) Do not use to be exceed of capacity.
4) Do not open the slot of high speed dry.
5) Do not use improper fuse.
6) Be notice to do not water in motor or relay board
7) Do not alter or repair free.
   (Head Office do not have any responsibility for the obstacle caused the remodeling or repair free. If you need to repair, turn off the main power first and contact us.

(Trouble Shooting List)

Electric Steam Valve

1.Electric Steam Valve

Steam valve turns steam on or off by using electricity
Arrow points at the automatic valve
If the valve breaks down, the steam isn't sprayed or keeps spraying



<u>The Steam Valve damage can be caused by the following 2 ways</u>

Error 1. Electrical problem caused by the excessive heat of electric coil in steam valve
(See the Troubleshoot List)

The Solution (Fix) Guide

(1) Power On. (Select Manual on Screen)

→ Set the temperature higher than current temp. → On Manual program, press the 'Steam'.

→ It comes sound of 'Tick' as snap. Press the button repeatedly If doesn't sound of snap.

→ If there is no sound, Check the Fuse in Control Box. → Replace the steam coil if there is no problem on Fuse.

Check if the electricity is supplied 220V or 110V (Expect whether error of relay) before replace.

Check the lamp on relay board if you don't have electric tester. (see the electric Chart)

Error 2. The valve is not working properly because of dregs and dusts within the steam pipes.
(When the steam keeps spraying)

- Steam leakage could damage seriously to laundry, be attention and fix carefully.
- Most of the Steam leakages are caused by dregs in steam Pipe.
- When Install steam pipe, Read carefully the Install instructions and observe the replacement cycle of Strainer. (Replacement Cycle : within 6 Mon. ~ 3 years)
- Check the steam Pressure daily and observe the standard pressure. (High pressure could makes Problems).
- When the current temperature is 10 F. over heated than Set Temp because of steam leakage, the Program will be abort and sound the alarm. And be displayed Warning. High Temp. on screen.
- when the set Temp. is 10 F. less than current temp, Be alarm on. In this case as fault , Adjust the set temp.over than the current temp.
- In case of Using Warm water and Cool water simultaneously, we recommend to set temp. 104 F. No need be careful when didn't select steam function.

To avoid damage of the laundry, Do not set high temp. (Factory Pre-set temp. 104 F.)

Disassembly & assembly of Steam Valve

When The Error caused by dregs and dusts within the steam pipes.

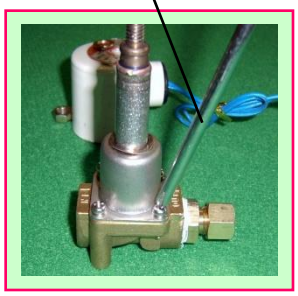
Steps in disassembling the steam valve,

(1) Close the steam valve (2) Cool off
(3) Disassemble the valve

CAUTION ! : Be careful from hot temp, Do Disassembly after close & cool the valve .

Release Bolt

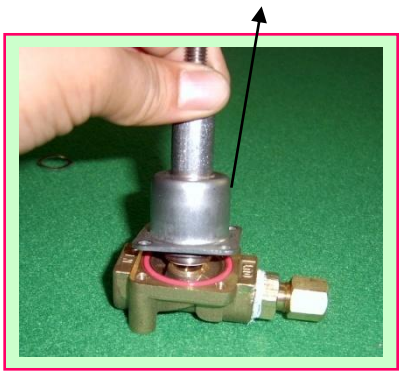
Release Bolt



Do Stretch the spring

Remove dregs

Rejoin



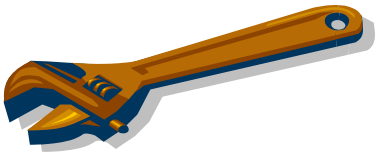
(4)Run the machine after reassembly. (5) If it still doesn't work after cleaning ,the steam valve has to be replaced.

(Trouble Shooting List)

Water Supply Valve

Water supply Valve (Cool, Warm)

Water supply valve turns water on or off by using electricity arrow points at the automatic valve.
If the valve breaks down, the water isn't supplied or keeps supplying.



The water supply valve damage can be caused by the following 2 ways

Error 1. Electrical problem caused by the excessive heat of electric coil in water supply valve
(See the Troubleshoot List)

The Solution (Fix) Guide

(1) Power On. (Select Manual on Screen)
→ Set water level higher than current level. → On Manual program, press the 'Warm, Cool' key.
→ It comes sound of 'Tick' as snap. Press the button repeatedly If doesn't sound of snap.
→ If there is no sound, Check the Fuse in Control Box. → Replace the steam coil if there is no problem on Fuse.
Check if the electricity is supplied 220V or 110V (Expect whether error of relay) before replace.
Check the lamp on relay board if you don't have electric tester. (see the electric Chart)

Error 2. The valve is not working properly because of dregs and dusts within the steam pipes.
(When the steam keeps spraying)

- Most of the troubles of water supply are caused by dregs in steam Pipe.
- When Install the water pipe, Read carefully the Install instructions and observe the replacement cycle of Strainer. (Replacement Cycle : within 6 Mon. ~ 3 years)
- Check the water supply pressure daily and observe the standard pressure. (High pressure could makes Problems).

How to disassemble the water valve (See photo on next page)

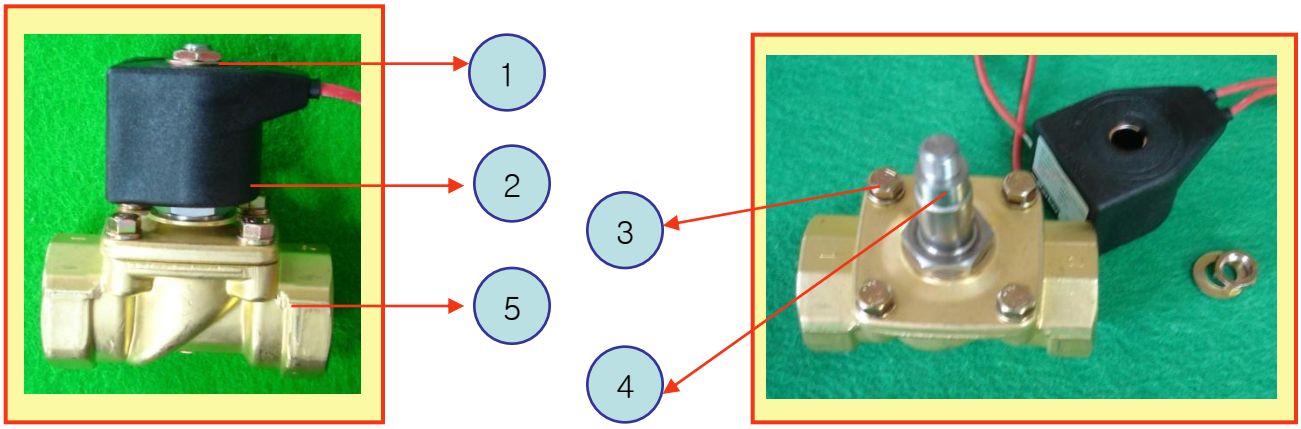
1) Power OFF. 2) Turn OFF the main water valve.

3) Disassemble as photo. 4) Assemble in reverse order after removing dregs inside the pipes.

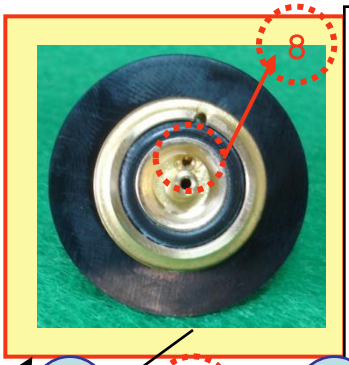
5) Turn ON Main Valve. 6) Power ON and Operate program.

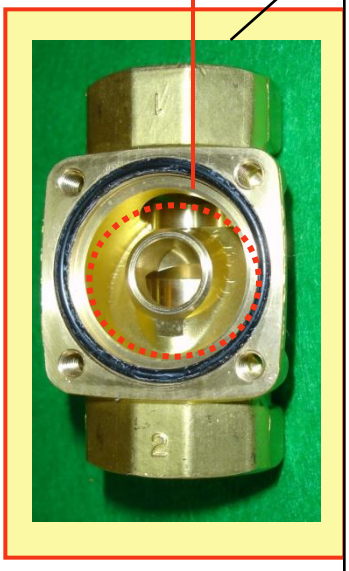
- Same Error and problem happened, contact local service center.

Disassembly & Assembly of Water supply Valve



1) Electron coil Fixing Nut	2)Electron coil	3)Connection bolt
4) Upper body	5)Lower body	6)Disk





How to disassemble the valve

Release the fixing nut on coil(1), → remove the coil(2). →Release the connection bolt on the upper body(3)→ disassembled.
→Remove dregs inside (7) lower body(5).
→Check status of Disk(6) and small pin hole (8) (Breathing hole).

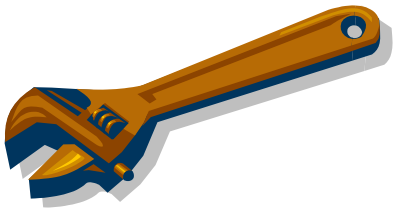
***Breathing Hole's function ;**
water gets in and out through this hole when the valve's ON/OFF to help the operation.

If this hole(8)is clogged by dregs despite cleaning the (7),the valve couldn't work smoothly.
Some user doesn't know its(8)function, They clean (7) and adjust spring(6).It's Not good. Pay attention to check and clean this Hole(8).

Assemble in reverse order after cleaning. Assemble with carefully and check Leakage . Then Operate the program.

(Trouble Shooting List)

Drain Valve



1. Drain Valve

Drain valve : Drain water during washing by Air or electrically.
When this valve has error ,drain water slowly or couldn't drain.
Even drain well, the water drain out of drum.
Drain problem makes difficulty of next cycle with dregs in drum.

The Solution (Fix) Guide

There are 2 kinds of Drain valve's problem.

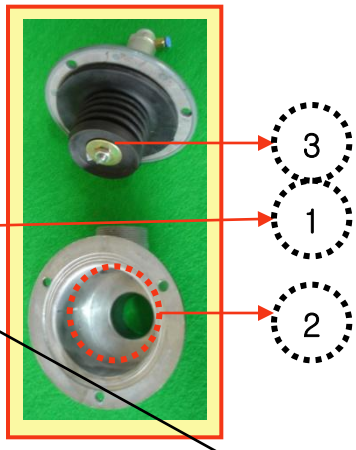
• Electrical Error :
Check the pressure of air compressor for Air drain type. If doesn't input air, It couldn't work.
Check the coil in valve for electrical drain type. The electric short or leakage can be caused by humidity or dregs in drain hole.
Check the fuse in control box after replace the coil.

•The Error caused by dregs and dusts within the drain valve
It couldn't drain when dregs clogged in valve. At this time, Displayed the message 'Drain Error' with alarm on screen.
Read carefully the installation instructions of drain.
The most biggest reason of drain clogged are dregs from laundry pocket.
Ex) coins, pens, and something else. Check pocket certainly before washing.

Otherwise, When level sensor couldn't detect minimum water level, it become a problem .
At this case, Do drain as manual.

Disassembly guide
Drain valve located on lower right side.
See below photo for disassembly .

Drain Valve



Disassembly Valve

Air hose connection Inlet

This is photo of drain valve and disassembly
When drain valve has problem,
Cylinder type : Drain by force exchanging the air hose which connected on cylinder.
Electrical type :Drain by force with moving the drain hose by hand.
Must be Power OFF before disassembly.
1. Release 3 bolts(1).
2. Separate upper body.
3. Remove dregs inside body(2).
4. Replace rubber packing(3) when has problem.
Assemble in reverse order and operate program.
If you exchange the air hose, return to the former Condition.

2.Door Leakage and replacement consumption part

Door adjustment & replace rubber packing

Adjust door When leakage on door .

Open door and adjust bolt(2) to down,
Then close and supply water.
If it leak again after adjustment, Beat around (3) with Rubber hammer after releasing the bolts(3) upper and lower.

Careful release bolt.
Contact service center to your warranty.

In case of leakage by rubber packing(4) old,
→replace this rubber packing.
1- Door Handle.
2- Door catch.
3- Door hinge.
4- Door packing

Replacement V belt, Rumple hose, drain rubber

V belt, Rumple hose, drain rubber are consumption goods. Replacement cycle are different on each.
V belt – Normally within 6 months to 2 years.
Rumple hose, drain rubber – approx. within 2 years.
User can replace this consumption goods.
Keep safety and turn OFF when you replace this parts.
Do replace this parts with assistance in preparation for the safety accident
When you replace parts, Notice “ on working” on power part to avoid the safety accident.

Noise & Maintenance Guide

Noise Check point

It's difficult to explain on sentence about Machine Noise part.
But If you check the noise as following this instructions, you will find the solutions.
Check point – Extraction (spin)

1. If makes noise on shock absorber, body or spring when you extract with laundry decline,
   Check and adjust the vibration sensor distance.
   and check the location of machine if the ground is leveled or not. In that case, It makes noise.
2. Check the status of fasten bolts on body cover.
   If the bolts was fasten loosely, The noise will be made.
3. Check V belt status whether it is old or not. – It can make noise from V belt when It's old.
4. Check the bolts status on main motor (pulley). – It can make noise from bolts when the bolts fasten loosely.
5. Check the shock absorber status.
   Check Damage on absorber or Anti-vibration rubber on absorber.
   Check oil leakage from absorber. It could makes noise when the oil pressure of absorber is low.
6. Check the status of coil spring - when less grease on coil spring, It could makes noise.
   Put grease enough to a coil spring.
7. Check the bearings on motor. – If has damage on bearings, it could makes noise.
   When check the bearing, Do spin without V-belt. If there is no noise, the bearing is OK.
8. Check the main bearing. – Do spin basket manually without V-belt after checking
   Motor bearing. If it makes noise, the main bearing was damaged.

Contact local service center when it is difficult for you to find solutions.

Maintenance

In order to keep this machine well, Use machine after read carefully this Manual.
Using as instructions will reduce your washing time and prevent the safety accidents and the error of your machine.
Keep clean all the time and observe the laundry capacity of washer.
When you have lots of laundry, wash twice for safety of your machine.
Replacement consumption units on time makes your machine life prolong.
Turn OFF the power while stop over. (Recommended)
It can cause the electricity consumption - Inverter and Cooling Fan are still working on even though the machine stops.

Proper maintenance of your washer can extend its life.